

Noise Monitoring Data - Summary of Construction Noise Monitoring Results, dB(A)

NM1A - Slope near the Victoria Shanghai Academy						
Date	Time		Noise Levels, dB(A)			Limit Level for Leq (dB(A))⁽²⁾
	Start	Finish	Corrected Leq(30min)⁽¹⁾	Corrected L₉₀⁽¹⁾	Corrected L₁₀⁽¹⁾	
07-Mar-18	09:42	10:12	59.2	57.0	60.9	65
13-Mar-18	10:00	10:30	57.0	54.3	58.5	65
21-Mar-18	10:23	10:53	58.3	56.5	60.0	70
29-Mar-18	10:10	10:40	58.7	56.5	60.2	70
04-Apr-18	09:42	10:12	58.6	56.6	60.7	70
10-Apr-18	09:40	10:10	58.6	56.9	60.2	70
19-Apr-18	11:10	11:40	58.9	57.1	60.4	70
26-Apr-18	10:22	10:52	59.7	57.3	61.3	70
02-May-18	09:02	09:32	59.6	57.5	61.2	70
08-May-18	10:18	10:48	59.8	57.7	61.4	70
17-May-18	10:12	10:42	59.1	57.3	60.7	70
24-May-18	10:10	10:40	59.4	57.4	61.1	70
30-May-18	08:42	09:12	59.6	57.6	61.2	70

NM2 - Hong Kong Juvenile Care Centre						
Date	Time		Noise Levels, dB(A)			Limit Level for Leq (dB(A))⁽²⁾
	Start	Finish	L_{eq}(30min)	L₉₀	L₁₀	
07-Mar-18	10:50	11:20	53.1	51.5	54.6	65
13-Mar-18	09:20	09:50	51.8	48.4	54.0	65
21-Mar-18	09:42	10:12	53.4	51.9	54.9	70
29-Mar-18	09:30	10:00	52.5	51.1	54.0	70
04-Apr-18	09:21	09:51	52.2	48.3	54.7	70
10-Apr-18	10:30	11:00	52.1	50.6	53.7	70
19-Apr-18	10:30	11:00	51.2	49.5	52.7	70
26-Apr-18	09:40	10:10	51.7	50.0	53.2	70
02-May-18	10:35	11:05	51.6	50.3	53.1	70
08-May-18	09:40	10:10	53.0	51.5	54.5	70
17-May-18	09:30	10:00	52.1	50.4	53.6	70
24-May-18	09:30	10:00	53.5	52.0	55.1	70
30-May-18	10:30	11:00	51.4	50.0	53.0	70

NM1A - Slope near the Victoria Shanghai Academy						
Date	Time		Noise Levels, dB(A)			Limit Level for L_{eq} (dB(A)) ⁽³⁾
	Start	Finish	Corrected $L_{eq}(15min)$ ⁽¹⁾	Corrected L_{90} ⁽¹⁾	Corrected L_{10} ⁽¹⁾	
11-Mar-18	13:44	13:59	52.5	50.0	53.6	70
18-Mar-18	10:30	10:45	54.5	50.2	57.7	70
25-Mar-18	17:00	17:15	52.7	48.9	53.8	70
01-Apr-18	17:20	17:35	57.4	53.3	59.1	70
08-Apr-18	10:29	10:44	55.6	50.4	58.5	70
15-Apr-18	16:40	16:55	54.6	49.9	57.6	70
22-Apr-18	14:28	14:43	53.8	49.8	56.4	70
29-Apr-18	16:28	16:43	54.4	50.4	56.7	70
06-May-18	16:35	16:50	54.4	49.7	56.2	70
13-May-18	14:45	15:00	52.4	49.9	54.3	70
20-May-18	15:40	15:55	53.7	49.1	56.6	70
27-May-18	13:30	13:45	54.5	49.9	55.8	70

NM2 - Hong Kong Juvenile Care Centre						
Date	Time		Noise Levels, dB(A)			Limit Level for L_{eq} (dB(A)) ⁽³⁾
	Start	Finish	$L_{eq}(15min)$	L_{90}	L_{10}	
11-Mar-18	13:13	13:28	48.8	46.7	50.5	65
18-Mar-18	10:00	10:15	45.2	41.0	48.2	65
25-Mar-18	16:35	16:50	45.4	41.9	46.8	65
01-Apr-18	16:52	17:07	49.3	47.4	50.1	65
08-Apr-18	10:01	10:16	48.7	50.3	45.5	65
15-Apr-18	17:08	17:23	48.3	42.5	50.7	65
22-Apr-18	14:00	14:15	46.1	42.2	48.2	65
29-Apr-18	16:00	16:15	48.2	43.9	49.3	65
06-May-18	16:10	16:25	48.5	44.6	49.8	65
13-May-18	14:20	14:35	46.1	43.8	48.0	65
20-May-18	15:10	15:25	47.5	45.9	48.6	65
27-May-18	13:05	13:20	48.5	44.9	49.8	65

Notes:

- (1) A free field correction of +3dB(A) has been made to these measurements as specified in the EM&A Manual and EPD guidelines.
- (2) Acceptable noise level should be reduced to 65dB(A) upon school examination period.
- (3) Acceptable noise level should be 65dB(A) according to Technical Memorandum on noise from construction works other than percussive piling.